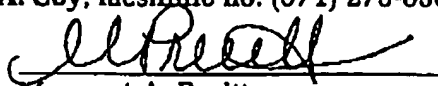


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I do hereby certify that this correspondence is being transmitted via facsimile, to the Commissioner for Patents, Examiner, Nicole A. Coy, facsimile no. (571) 273-8300, on this August 25, 2006.


Margaret A. Pruitt**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Krueger et al.

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Group Art Unit: 3672

SERIAL NO.: 10/796,256

Examiner: Nicole A. Coy

FILED: March 9, 2004

Atty. Docket: 414-35025-US

TITLE: "Apparatus and Method of
Controlling Motion and Vibration of an
NMR Sensor in a Drilling BHA"

Confirmation No.: 2388

MS: AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**RESPONSE TO THE FINAL OFFICE ACTION DATED MAY 25, 2006**

This is in response to the Final Office Action, dated May 25, 2005 for the above-identified patent application.

Amendments to the Claims begin at page 2.

Remarks begin at page 8.

Conclusion begins at page 10.

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